IPW

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O.. Box 1450, Alexandria, VA 22313-1450.

Date: May 5, 2004

Sonia V. McVean



PATENT 36856.1146

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hiroshi KAWAI

Serial No.: 10/705,994

Filing Date: November 13, 2003

For: RF-MEMS SWITCH

Art Unit: 2832

Examiner: Unknown

COMMENTARY RE INFORMATION DISCLOSURE STATEMENT

Mail Stop DD Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 CFR §1.56, and in recognition of their duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicant herewith submits a copy of the prior art listed on the attached Information Disclosure Statement (Form PTO-1449). The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

U.S. Application No. 10/705,994 May 5, 2004 Page 2 of 2

Applicant respectfully requests that the disclosed reference be made of record in the subject application.

Respectfully submitted,

Date: May 5, 2004

Attorneys for Applicant(s)

Joseph R. Keating Registration No. 37,368

Christopher A. Bennett Registration No. 46,710

KEATING & BENNETT, LLP

10400 Eaton Place, Suite 312 Fairfax, Virginia 22030

Telephone: (703) 385-5200 Facsimile: (703) 385-5080



Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2

C	omplete if Known	
Application Number	10/705,994	
Filing Date	November 13, 2003	
First Named Inventor	Hiroshi KAWAI	
Art Unit	2832	
Examiner Name		
Attorney Docket Number	36856.1146	

	U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2(if known)}	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
	1	6,376,787	04/2002	Martin et al.					
	2	6,143,997	11/2000	Feng et al.					
	3	6,307,452	10/2001	Sun					
	4	2002/0145493	10/2002	Wang					
					· .				

FOREIGN PATENT DOCUMENTS							
entee or	Name of P Applicant of Document	Publication Date MM -YYYY	n Patent Document Code ³ Number-Kind Code ⁵ (if known)		Cite No.1	Examine r Initials*	
		,	, ,				
	-						
		 					

Examiner Date	
Signature Considered	

^{*}Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

¹ Applicant unique citation designation number (optional). ²See Kind Codes of USPTO Patent documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document by the two-letter code (WIPO Strandard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Abstract is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

O'LE YOU			
6 MAY 0 6 2004 H			PTO/SB/08A (04-03)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		omplete if Known	
INFORMATION DISCLOSURE	Application Number		
INFORMATION DISCLOSURE	Filing Date		
	First Named Inventor	Hiroshi KAWAI	
STATEMENT BY APPLICANT	Art Unit		
(Use as many sheets as necessary)	Examiner Name		
Sheet of	Attorney Docket Number	36856.1146	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title Of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²		
	5	Chienliu CHANG et al.; "Innovative Micromachined Microwaved Switch with Very Low Insertion Loss"; Sensors and Actuators 79 (2000); pp. 71-75.			
			-		
		\			
i 					
L	<u> </u>	1			
Examiner Signature		Date Considered			

^{*}Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

¹ Applicant unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.